

Phospholipid-conjugated PEG-b-PCL copolymers as precursors of micellar vehicles for Amphotericin B

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Table 1. Fitting parameters for the second release stage.

Model	Parameter	PP6	PP3	PP6-DSPE	PP3-DSPE	PEG-DSPE
		24 h – 100 h				
Orden 0	R ²	0,957	0,959	0,964	0,986	0,962
	Ko	0,116	0,101	0,147	0,123	0,299
Orden 1	R ²	0,971	0,958	0,951	0,986	0,938
	k	0,003	0,003	0,006	0,006	0,006
Korsmeyer-Peppas	R ²	0,873	0,902	0,981	0,943	0,995
	k _{KP}	0,570	0,636	0,956	0,977	0,743
	n	0,170	0,172	0,312	0,287	0,345
Higuchi	R ²	0,910	0,938	0,980	0,966	0,989
	k _H	0,017	0,015	0,022	0,018	0,045
Hixson Crowell	R ²	0,952	0,959	0,966	0,986	0,974
	k _{HC}	0,0005	0,0004	0,0006	0,0005	0,0016
Baker-Lonsdale	R ²	0,972	0,958	0,952	0,986	0,923
	k _{BL}	0,0005	0,0005	0,0008	0,0008	0,0008

Table 2. Similarity analysis.

Formulation pair	f ₂ parameter
PP6 and PP3	74,8
PP6 and PP6-DSPE	58,8
PP3 and PP6-DSPE	69,1
PP3 and PP3-DSPE	58,9
PP6-DSPE and PP3-DSPE	75,5
PP6-DSPE and PEG-DSPE	37,9
PP3-DSPE and PEG-DSPE	34,6

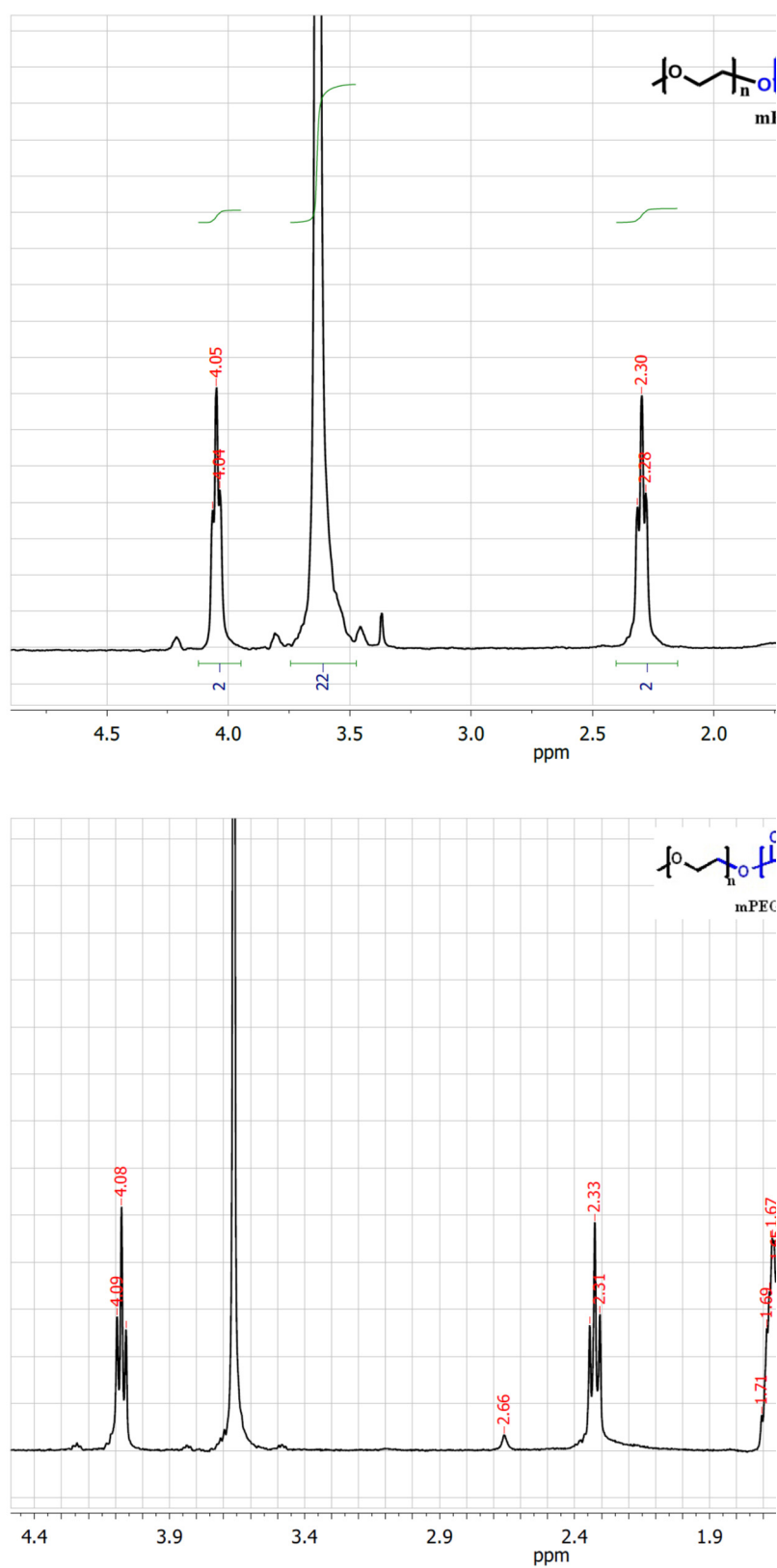


Figure S1. ^1H -NMR spectra of (a) PP3 and (b) PP3-Succinic acid copolymers.

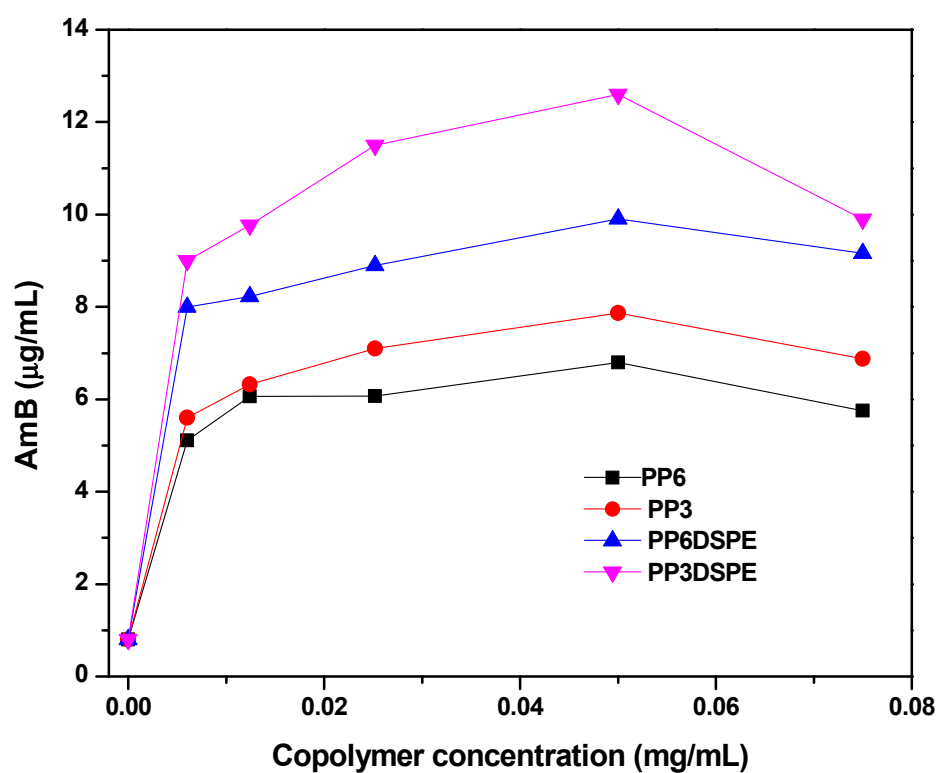


Figure S2. Solubility profiles of AmB in the presence of copolymers.

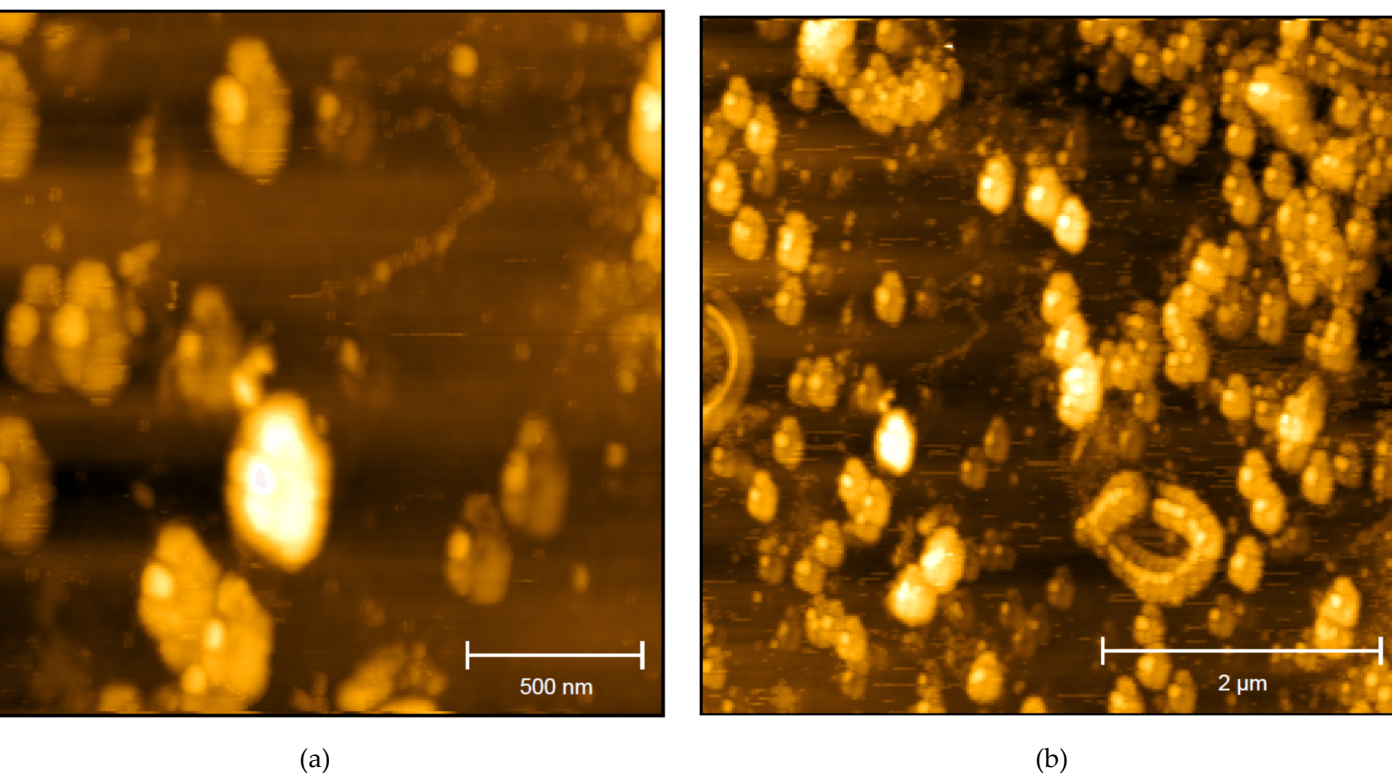


Figure S3. AFM images for representative samples Amb/PP3 (a) and Amb/PP3-DSPE (b).